·	INTERNATIONAL SEARCH REPORT	International application No.
		PCT/JP2004/010305
A. CLASSIFIC Int.Cl	ATION OF SUBJECT MATTER  F01L1/46	
According to International Patent Classification (IPC) or to both national classification and IPC  B. FIELDS SEARCHED  Minimum documentation searched (classification system followed by classification symbols)		
Jitsuyo Kokai J	itsuyo Shinan Koho 1971-2004 Jitsuyo Shina	yo Shinan Koho 1994-2004 an Toroku Koho 1996-2004
Electronic data l	pase consulted during the international search (name of data base and, wh	here practicable, scarch terms used)
C. DOCUME	ITS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the	relevant passages Relevant to claim No.
A	JP 59-7716 A (Dailchi Dentsu Kabushik: 14 January, 1984 (14.01.84), Page 2, upper left column, lines 4 to page 2, lower left column, lines 4 to right column, line 20; Figs. 2, 3 (Family: none)	14;
	JP 3-206306 A (Isuzu Motors Ltd.), 09 September, 1991 (09.09.91), Fig. 2 (Family: none)	1-3
A	JP 7-310511 A (Honda Motor Co., Ltd.) 28 November, 1995 (28.11.95), Par. Nos. [0014] to [0021]; Fig. 2 (Family: none)	, 1-3
Further documents are listed in the continuation of Box C. See patent family annex.		
"A" document of to be of par	Refining the general state of the art which is not considered the principal ticular relevance	ment published after the international filing date or priority not in conflict with the application but cited to understand ple or theory underlying the invention of particular relavance; the claimed invention cannot be

## The document defining in general stand of the sit which is not considered to be of particular relevance. "B" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means the priority date claimed "Date of the actual completion of the international filing date but later than the priority date claimed "A" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such document; such combination being obvious to a person skilled in the art. "A" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "A" document member of the same patent family Date of the actual completion of the international search 25 August, 2004 (25.08.04) Name and mailing address of the ISA/ Japanese Patent Office Telephone No. Telephone No.